

We Claim:

1. A dispensing container, operably configured to be suspended from a support for the facilitated dispensing of fluent material, the dispensing container comprising:

5 a generally tubular body, having a closure structure disposed proximate an opening in an upper portion of the tubular body;

the tubular body further having a bottom dispensing region, having an internal cross-sectional area that decreases from an upper portion of the bottom dispensing region to a lower portion of the bottom dispensing region for collecting and guiding fluent material contained therein toward a  
10 localized area,

the tubular body, including the closure structure and the bottom dispensing region collectively defining and enclosing a fluent material containment volume;

15 nozzle receiving structure, operably disposed in the bottom dispensing region, for securely but releasably, restrainedly receiving a dispensing nozzle so that an inlet aperture of a dispensing nozzle received by the nozzle receiving structure opens onto the fluent material containment region, in the bottom dispensing region; and

hanging support structure, operably connected to the tubular body,  
20 to enable the dispensing container to be removably hung upon and supported by a projecting support member,

said generally tubular body being fabricated from at least one of the following materials: paper; paperboard; corrugated paperboard.

2. The dispensing container according to claim 1, wherein the closure structure is openable and reclosable, to permit the dispensing container to be reused if desired.

3. The dispensing container according to claim 1, wherein the container is operably configured to cooperatively receive fluent material contained in a liner enclosure.
4. The dispensing container according to claim 1, wherein the generally tubular body has a rectangular cross-sectional configuration, in a plane perpendicular to a longitudinal axis of the dispensing container, along a predominant portion of its length.
5. The dispensing container according to claim 1, wherein the closure structure comprises at least one top closure flap operably configured to span an upper opening of the generally tubular body.
6. The dispensing container according to claim 1, wherein the bottom dispensing region has an interior configuration in the shape of an inverted pyramid.
7. The dispensing container according to claim 6, wherein the bottom dispensing region has an exterior configuration in the shape of an inverted gable.
8. The dispensing container according to claim 6, wherein the plurality of at least three substantially rectangular side wall panels comprises four substantially rectangular side wall panels, and the bottom dispensing region is formed, at least in part, by front and rear bottom panels having substantially rectangular shapes; right and left bottom panels having substantially triangular shapes.
9. The dispensing container according to claim 1, wherein the nozzle receiving structure comprises:
  - a nozzle receiving aperture, disposed in the generally tubular body;
  - and

5 a movable nozzle restraining flap, operably configured to be moved to permit the receipt of a dispensing nozzle into the nozzle receiving aperture, and replaced to capture a received dispensing nozzle in the nozzle receiving aperture.

10. The dispensing container according to claim 9, wherein the nozzle receiving aperture and nozzle restraining flap are operably configured to permit a nozzle to be removably connected to the bottom dispensing region of the dispensing container.

11. The dispensing container according to claim 1, wherein the hanging support structure comprises:

a hanging flap connected to an upper portion of the generally tubular body; and

5 at least one projecting support member receiving aperture disposed in the hanging flap.

12. The dispensing container according to claim 11, wherein the hanging flap further comprises a first portion emanating directly from the generally tubular body; and a folding portion, operably configured to be folded over into juxtaposed position overlying the first portion, wherein at  
5 least first and second projecting support member receiving apertures are formed in the first portion and the folding portion, which at least first and second projecting support member receiving apertures are operably configured to align with one another, when the folding portion of the hanging flap is folded over and juxtaposed with the first portion of the  
10 hanging flap.

13. The dispensing container according to claim 1, wherein the container is fabricated from corrugated paperboard material, and the flutes of the corrugated paperboard material extend in the blank in a direction

parallel to a line extending from the top to the bottom of the generally  
5 tubular body.

14. The dispensing container according to claim 1, wherein the dispensing container is monolithically formed from a single blank.

15. A blank for forming a dispensing container, operably configured to be suspended from a support for the facilitated dispensing of fluent material, the blank comprising:

a plurality of at least three substantially rectangular side wall panels,  
5 operably connected to one another along longitudinally extending lines of weakness extending between adjacent ones of the side wall panels, for enabling the side wall panels to be articulated with respect to one another to form, in part, a generally tubular body having an opening in an upper portion of the generally tubular body;

10 at least one top closure panel, operably connected to at least one of the side wall panels, along a top peripheral region thereof, for providing a closure structure proximate the opening formed in the upper portion of a generally tubular body formed upon articulation of the plurality of substantially rectangular side wall panels;

15 a plurality of bottom panels, operably connected to at least three side walls, along bottom peripheral regions thereof, which are operably configured, upon articulation of the blank into a container, to enable the formation of a bottom dispensing region having an internal cross-sectional area that decreases from an upper portion of the bottom dispensing region  
20 to a lower portion of the bottom dispensing region for collecting and guiding fluent material contained therein toward a localized area;

the plurality of at least three side wall panels, the at least one top closure panel, and the plurality of bottom panels collectively forming the

generally tubular body and defining and enclosing, upon articulation of the  
25 blank into a container, a fluent material containment volume;

nozzle receiving structure, operably disposed in at least one of the  
bottom panels, for securely but releasably, restrainedly receiving a  
dispensing nozzle, upon articulation of the blank into a container, so that  
an inlet aperture of a dispensing nozzle received by the nozzle receiving  
30 structure opens onto the fluent material containment region, in the bottom  
dispensing region; and

at least one hanging flap member, operably connected to at least  
one of the side wall panels, along a top peripheral region thereof, for  
forming, upon articulation of the blank into a container, hanging support  
35 structure to enable the dispensing container to be removably hung upon  
and supported by a projecting support member,

the blank being fabricated from at least one of the following  
materials: paper; paperboard; corrugated paperboard.

16. The blank according to claim 15, wherein the at least one top  
closure panel is operably configured to be openable and reclosable, to  
permit the articulated dispensing container to be reused if desired.

17. The blank according to claim 15, wherein the blank is operably  
configured, upon articulation into the dispensing container, to  
cooperatively receive fluent material contained in a liner enclosure.

18. The blank according to claim 15, wherein the plurality of at least  
three substantially rectangular side wall panels comprises four substantially  
rectangular side wall panels operably connected to one another along  
longitudinally extending lines of weakness extending between adjacent  
5 ones of the side wall panels, for enabling the side wall panels to be  
articulated with respect to one another to form a generally tubular body

having a rectangular cross-sectional configuration, in a plane perpendicular to a longitudinal axis of the dispensing container, along a predominant portion of its length.

19. The blank according to claim 15, wherein the plurality of bottom panels, enabling formation of the bottom dispensing region, are operably configured to form, upon articulation of the blank into a container, an interior configuration in the shape of an inverted pyramid.

20. The blank according to claim 19, wherein the plurality of bottom panels, enabling formation of the bottom dispensing region, are operably configured to form, upon articulation of the blank into a dispensing container, an exterior configuration in the shape of an inverted gable.

21. The blank according to claim 19, wherein the plurality of at least three substantially rectangular side wall panels comprises four substantially rectangular side wall panels, and wherein the plurality of bottom panels comprises, at least in part, front and rear bottom panels connected to  
5 respective ones of the side wall panels and having substantially rectangular shapes; and right and left bottom panels connected to respective other ones of the side wall panels and having substantially triangular shapes.

22. The blank according to claim 15, wherein the nozzle receiving structure comprises:

a nozzle receiving aperture, disposed in at least one of the bottom panels; and

5 a movable nozzle restraining flap, operably configured to be moved to permit the receipt of a dispensing nozzle into the nozzle receiving aperture, and replaced to capture a received dispensing nozzle in the nozzle receiving aperture.

23. The blank according to claim 22, wherein the nozzle receiving aperture and the nozzle restraining flap are operably configured to permit a nozzle to be removably connected to the bottom dispensing region of a dispensing container formed from the blank.

24. The blank according to claim 15, wherein the at least one hanging flap member further comprises:

at least one projecting support member receiving aperture disposed in the at least one hanging flap member.

25. The blank according to claim 24, wherein the at least one hanging flap member further comprises a first portion emanating directly from at least one of the plurality of side wall panels, and a folding portion, operably configured to be folded over into juxtaposed position overlying the first portion, wherein at least first and second projecting support member receiving apertures are formed in the first portion and the folding portion, which at least first and second projecting support member receiving apertures are operably configured to align with one another, when the folding portion of the at least one hanging flap member is folded over and juxtaposed with the first portion of the at least one hanging flap member.

26. The blank according to claim 15, wherein the blank is fabricated from corrugated paperboard material, and the flutes of the corrugated paperboard material extend in the blank in a direction parallel to a line extending from the top to the bottom of the generally tubular body formed upon articulation of the blank.

27. The blank according to claim 15, wherein the blank is monolithically formed.

28. A dispensing container, operably configured to be suspended from a support for the facilitated dispensing of fluent material, the dispensing  
5 container comprising:

a generally tubular body, having a closure structure disposed proximate an opening in an upper portion of the tubular body;

the tubular body further having a bottom dispensing region, having an internal cross-sectional area that decreases from an upper portion of  
10 the bottom dispensing region to a lower portion of the bottom dispensing region for collecting and guiding fluent material contained therein toward a localized area,

the tubular body, including the closure structure and the bottom dispensing region collectively forming the generally tubular body and  
15 defining and enclosing a fluent material containment volume;

nozzle receiving structure, operably disposed in the bottom dispensing region, for securely but releasably, restrainedly receiving a dispensing nozzle so that an inlet aperture of a dispensing nozzle received  
20 by the nozzle receiving structure opens onto the fluent material containment region, in the bottom dispensing region;

a dispensing nozzle insertably received in the nozzle receiving structure, and having an inlet opening onto the fluent containment region and an openable and reclosable outlet opening onto a region exterior to the dispensing container; and

25 hanging support structure, operably connected to the tubular body, to enable the dispensing container to be removably hung upon and supported by a projecting support member.



29. The dispensing container according to claim 1, wherein the hanging support structure comprises at least one hanging aperture disposed in a wall of the tubular body.

30. A blank for forming a dispensing container, operably configured to be suspended from a support for the facilitated dispensing of fluent material, the blank comprising:

a plurality of at least three substantially rectangular side wall panels,  
5 operably connected to one another along longitudinally extending lines of weakness extending between adjacent ones of the side wall panels, for enabling the side wall panels to be articulated with respect to one another to form, in part, a generally tubular body having an opening in an upper portion of the generally tubular body;

10 at least one top closure panel, operably connected to at least one of the side wall panels, along a top peripheral region thereof, for providing a closure structure proximate the opening formed in the upper portion of a generally tubular body formed upon articulation of the plurality of substantially rectangular side wall panels;

15 a plurality of bottom panels, operably connected to at least three side walls, along bottom peripheral regions thereof, which are operably configured, upon articulation of the blank into a container, to enable the formation of a bottom dispensing region having an internal cross-sectional area that decreases from an upper portion of the bottom dispensing region  
20 to a lower portion of the bottom dispensing region for collecting and guiding fluent material contained therein toward a localized area;

the plurality of at least three side wall panels, the at least one top closure panel, and the plurality of bottom panels collectively forming the

generally tubular body and defining and enclosing, upon articulation of the  
25 blank into a container, a fluent material containment volume;

nozzle receiving structure, operably disposed in at least one of the  
bottom panels, for securely but releasably, restrainedly receiving a  
dispensing nozzle, upon articulation of the blank into a container, so that  
an inlet aperture of a dispensing nozzle received by the nozzle receiving  
30 structure opens onto the fluent material containment region, in the bottom  
dispensing region; and

at least one hanging aperture, disposed in one of the at least three  
substantially rectangular side wall panels;

the blank being fabricated from at least one of the following  
35 materials: paper; paperboard; corrugated paperboard.

31. The dispensing container according to claim 28, wherein the  
hanging support structure comprises at least one hanging aperture,  
disposed in a wall of the tubular body.